

# Grant and Cooperative Agreement

CHOOSE ONE:

- ☒ COOPERATIVE AGREEMENT
- ☐ GRANT

CHOOSE ONE:

☐ EDUCATION☐ FACILITIES☒ RESEARCH☐ SDCR☐ TRAINING

1. GRANT/COOPERATIVE AGREEMENT NUMBER NRC-04-08-144		2. SUPPLEMENT NUMBER M0011		3. EFFECTIVE DATE 04/23/2014		4. COMPLETION DATE	
5. ISSUED TO NAME/ADDRESS OF RECIPIENT (No., Street, City/County, State, Zip) UNIVERSITY OF CALIFORNIA, BERKELEY NA BERKELEY CA 947045940				6. ISSUED BY U.S. NRC - HQ Mailing Address: Acquisition Management Division Mail Stop: 3WFN-05-C64MP Washington DC 20555-0001			
7. TAXPAYER IDENTIFICATION NO. (TIN)				9. PRINCIPAL INVESTIGATOR/ORGANIZATION'S PROJECT OR PROGRAM MGR. (Name & Phone) Professor Stephen Mahin, Peer Director mahin@berkeley.edu; pgates@berkeley.edu			
8. COMMERCIAL & GOVERNMENT ENTITY (CAGE) NO.							
10. RESEARCH, PROJECT OR PROGRAM TITLE NEXT GENERATION ATTENUATION MODEL FOR CENTRAL AND EASTERN US (NGA-EAST)							
11. PURPOSE See Schedule							
12. PERIOD OF PERFORMANCE (Approximately) 10/01/2008 through 09/30/2015							
13A.		AWARD HISTORY		13B.		FUNDING HISTORY	
PREVIOUS		\$1,500,000.00		PREVIOUS		\$1,500,000.00	
THIS ACTION		\$300,000.00		THIS ACTION		\$300,000.00	
CASH SHARE		\$0.00		TOTAL		\$1,800,000.00	
NON-CASH SHARE		\$0.00					
RECIPIENT SHARE		\$0.00					
TOTAL		\$1,800,000.00					
14. ACCOUNTING AND APPROPRIATION DATA 2014-X0200-FEEBASED-60-60D001-17-6-161-K6681-4110							
PURCHASE REQUEST NO.		JOB ORDER NO.		AMOUNT		STATUS	
RES-14-0203							
15. POINTS OF CONTACT							
		NAME		MAIL STOP		TELEPHONE	
TECHNICAL OFFICER							
NEGOTIATOR							
ADMINISTRATOR		M'LITA R. CARR		301-287-0909		MLita.Carr@nrc.gov	
PAYMENTS							
16. THIS AWARD IS MADE UNDER THE AUTHORITY OF: Pursuant to Section 31b and 141b of the Atomic Energy Act of 1953, as amended							
17. APPLICABLE STATEMENT(S), IF CHECKED: <input checked="" type="checkbox"/> NO CHANGE IS MADE TO EXISTING PROVISIONS <input type="checkbox"/> FDP TERMS AND CONDITIONS AND THE AGENCY-SPECIFIC REQUIREMENTS APPLY TO THIS GRANT				18. APPLICABLE ENCLOSURE(S), IF CHECKED: <input type="checkbox"/> PROVISIONS <input type="checkbox"/> SPECIAL CONDITIONS <input type="checkbox"/> REQUIRED PUBLICATIONS AND REPORTS			
UNITED STATES OF AMERICA				COOPERATIVE AGREEMENT RECIPIENT			
CONTRACTING/GRANT OFFICER ERIKA EAM <i>Erika Eam</i>		DATE 04/23/2014		AUTHORIZED REPRESENTATIVE		DATE	

TEMPLATE - ADM001

SUNSI REVIEW COMPLETE

ADM002

## Grant and Cooperative Agreement

ITEM NO. (A)	ITEM OR SERVICE (Include Specifications and Special Instructions) (B)	QUANTITY (C)	UNIT (D)	ESTIMATED COST	
				UNIT PRICE (E)	AMOUNT (F)
	<p>CFDA Number: 77.006 NRC-04-08-144</p> <p>The purpose of this modification is to extend the period of performance until September 30, 2015 and increase the ceiling by \$300,000.00</p> <p>As a result of this modification:</p> <p>Total obligated amount for this modification: \$300,000.00</p> <p>Total ceiling amount changed from \$1,500,000.00 to \$1,800,000.00</p> <p>Period of Performance changed to October 1, 2008 - September 30, 2015.</p> <p>All other terms and conditions remain the same.</p> <p>Delivery Location Code: NRCHQ US NUCLEAR REGULATORY COMMISSION- MAIL PROCESSING CENTER 4930 BOILING BROOK PARKWAY ROCKVILLE MD 20852 USA</p> <p>Payment: ASAP GRANT FUNDS REIMBURSEMENT SYS US TREASURY</p> <p>Period of Performance: 10/01/2008 to 09/30/2015</p>				